



Docket No.: 544592000100  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Shing-Kuo PAN, et al

Application No.: 09/932,977

Filed: August 21, 2001

For: MILLIMETER- AND SUBMILLIMETER-  
WAVE NOISE GENERATOR

Group Art Unit: 2817

Examiner: A. Kinhead

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**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

Consideration of the foregoing plus the prompt return of a copy of the enclosed PTO Form-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

In accordance with 37 C.F.R. § 1.97(e), this Information Disclosure Statement is being submitted after the mailing of the first Office Action but before the mailing of the Notice of Allowance. Therefore, a fee is required. A Fee Transmittal is included with this document.

08/07/2003 CHGUYEN 00000048 031952 09932977

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va-40762

In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 03-1952.

Dated: August 6, 2003

Respectfully submitted,

By

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Form PTO-1449

Docket Number 544592000100

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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Applicant

Shing-Kuo PAN et al.

Filing Date August 21, 2001

Group Art Unit 2817

Mailing Date August 6, 2003

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/1953	2,658,992	J. F. Byrne			
	2.	7/1973	3,750,168	Schrader et al.			
	3.	7/1973	3,750,175	Lockerd et al.			
	4.	3/1976	3,942,179	Dorn			
	5.	8/1980	4,219,885	Routh et al.			
	6.	9/1994	5,349,332	Ferguson et al.			
	7.	9/1996	5,554,860	Seabaugh			
	8.	3/1998	5,726,657	Pergande et al.			
	9.	7/1998	5,777,572	Janusas			
	10.	5/1999	5,903,609	Kool et al.			
	11.	9/1999	5,953,643	Speake et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	12.	A. R. Kerr, "Receiver noise temperature, the quantum noise limit, and the role of the zero-point fluctuations", 8th Int. Symp. on Space Terahertz Tech., March 25-27, 1997, pp. 101-111

EXAMINER:

1DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.